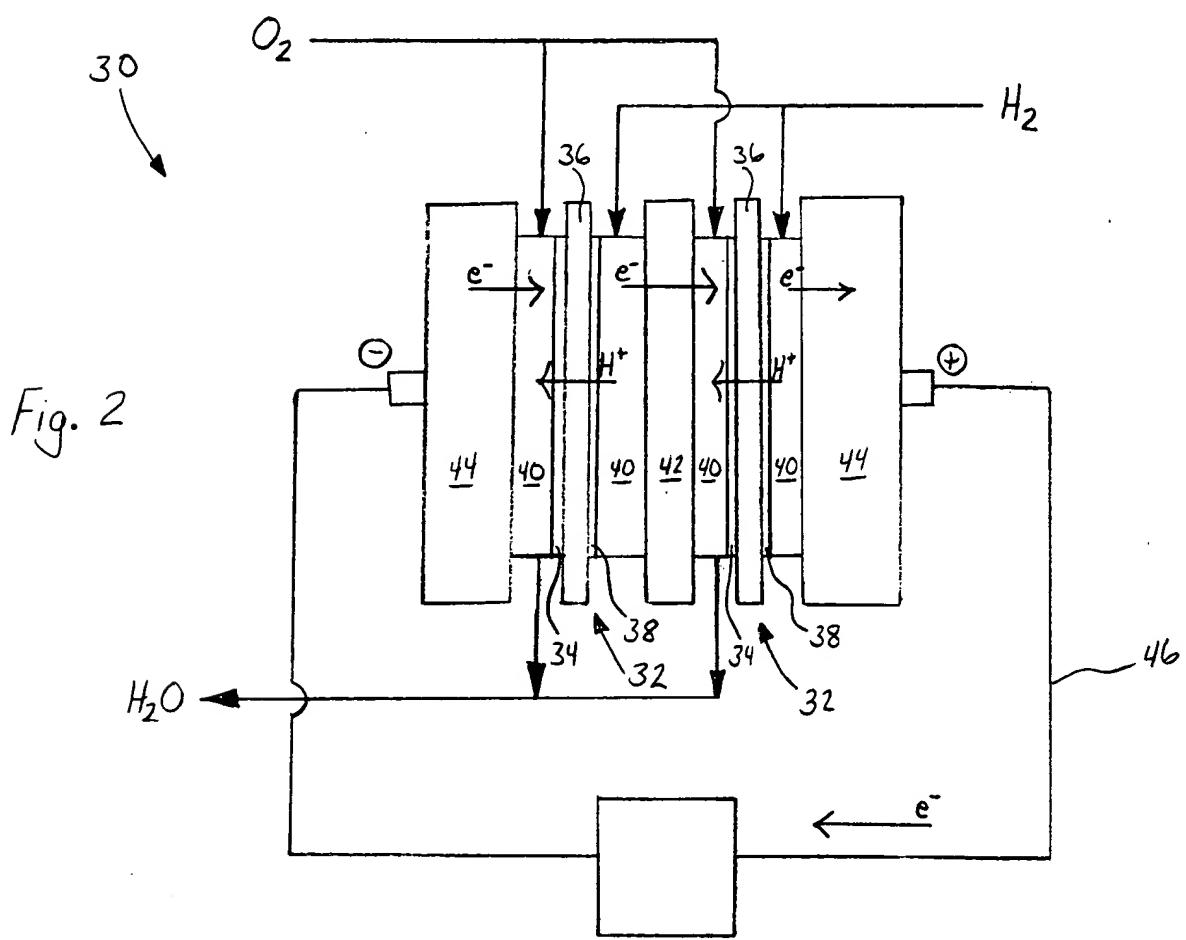
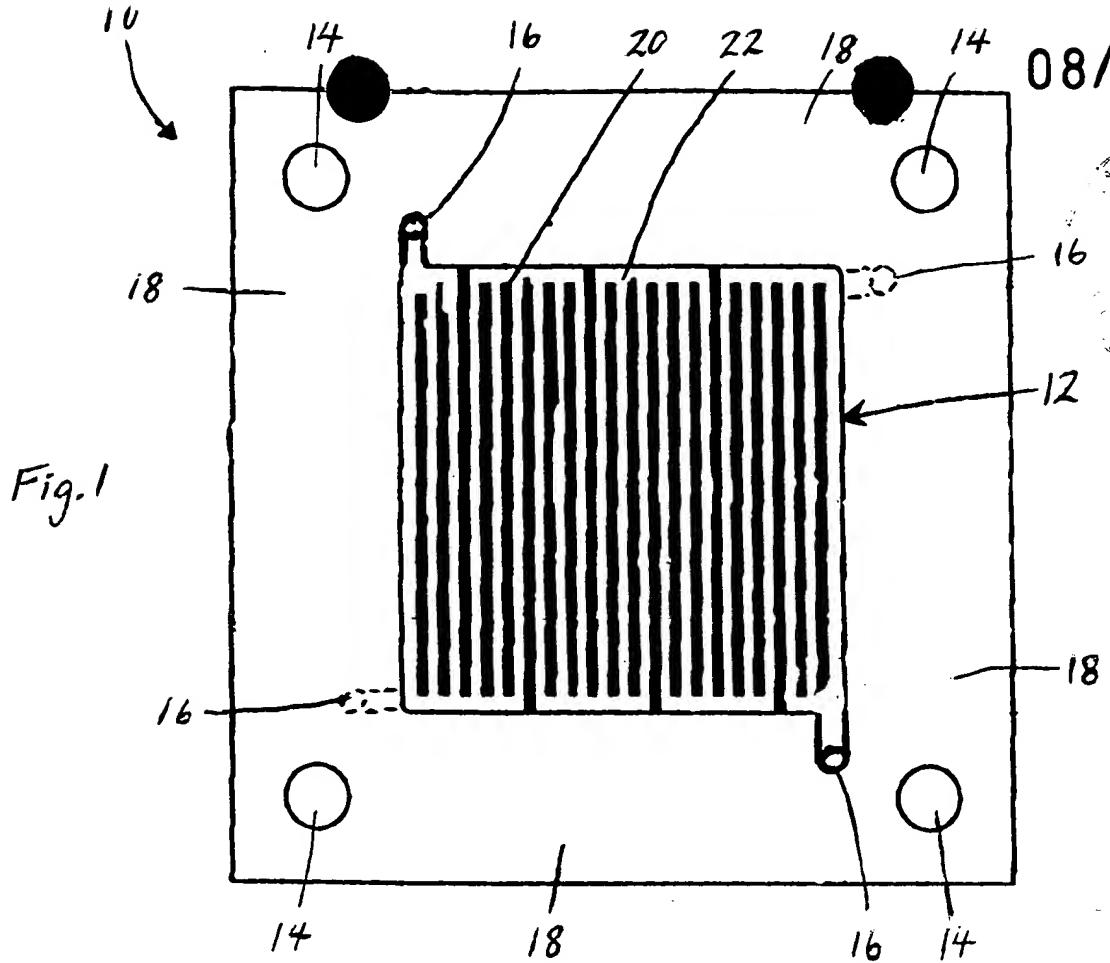


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Fig. 3A

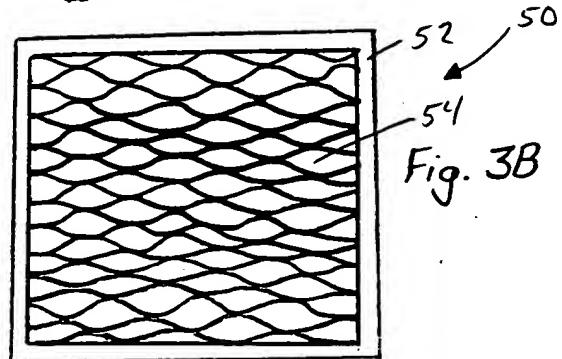
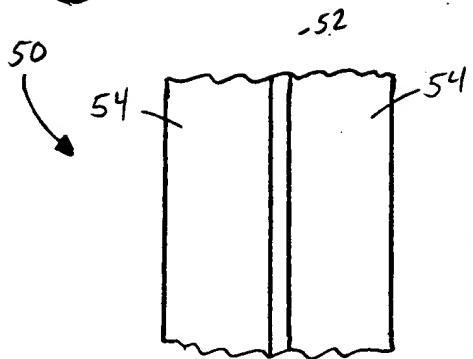


Fig. 4

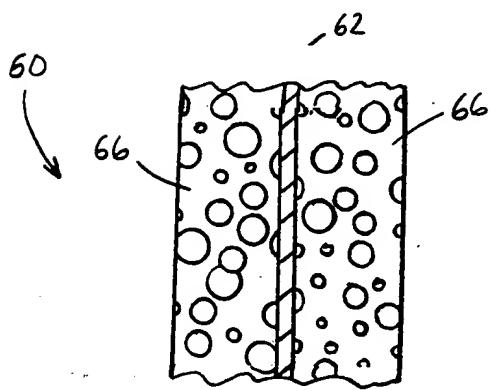


Fig. 5

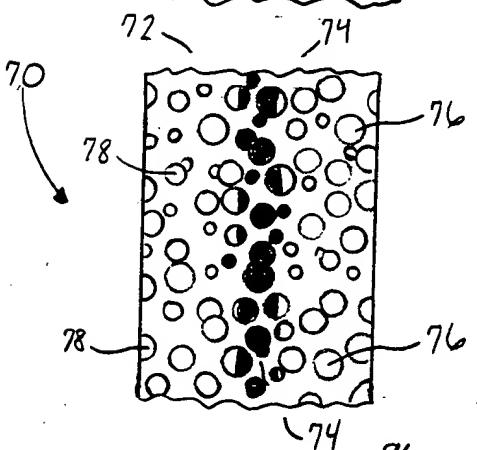
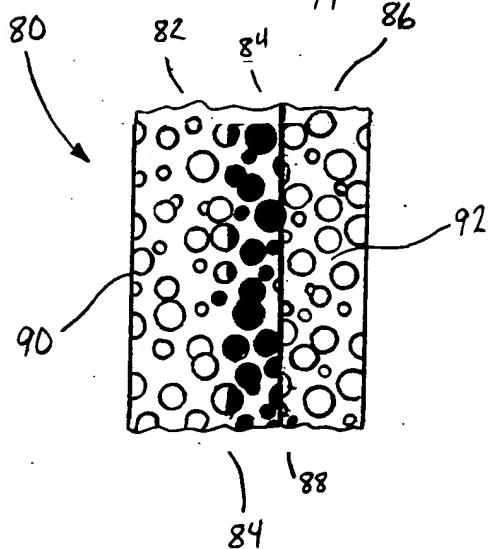


Fig. 6



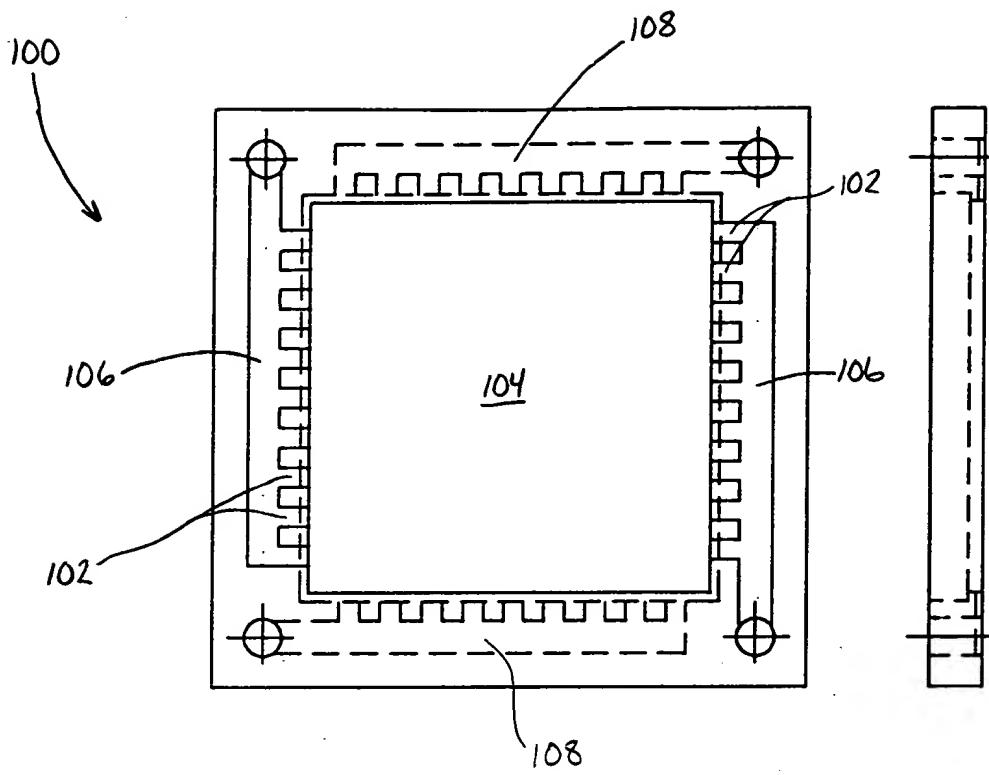


Fig. 7A

Fig. 7B

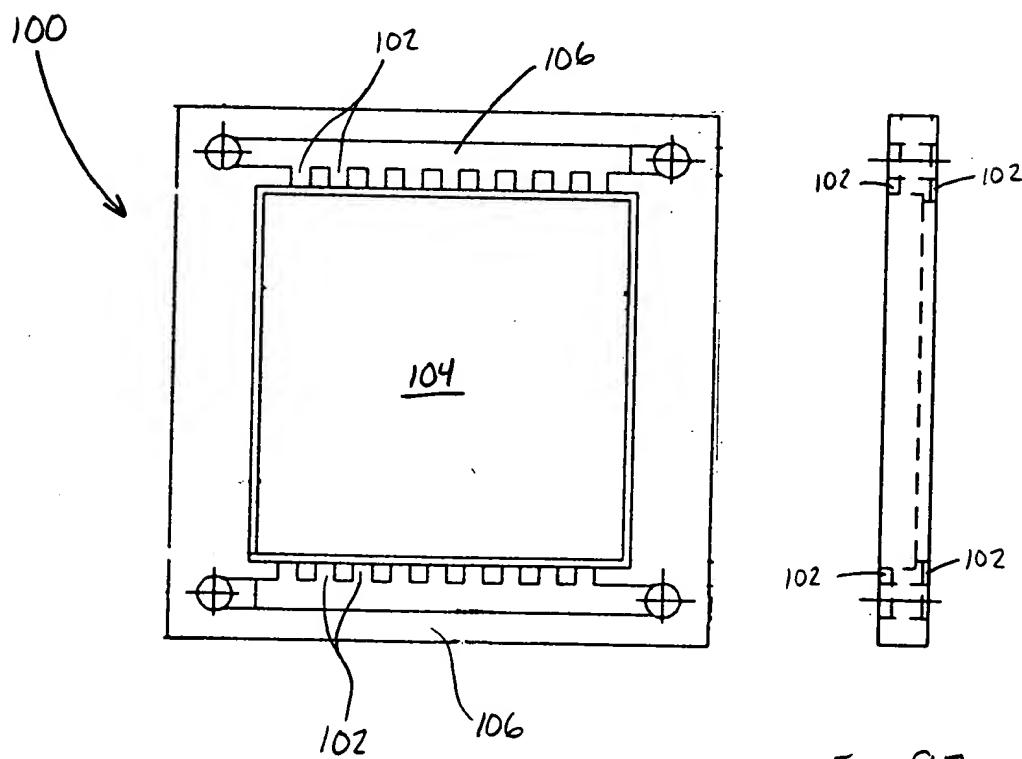


Fig. 8A

Fig. 8B

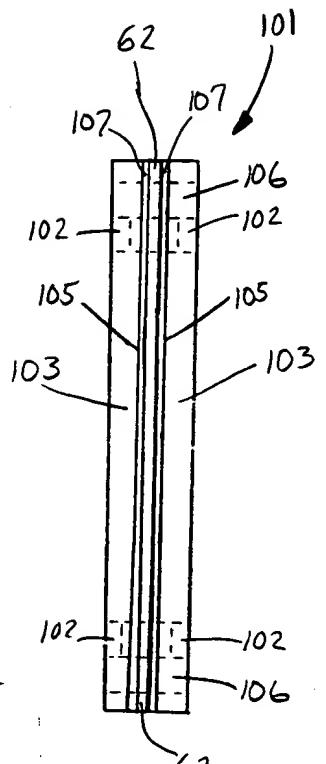
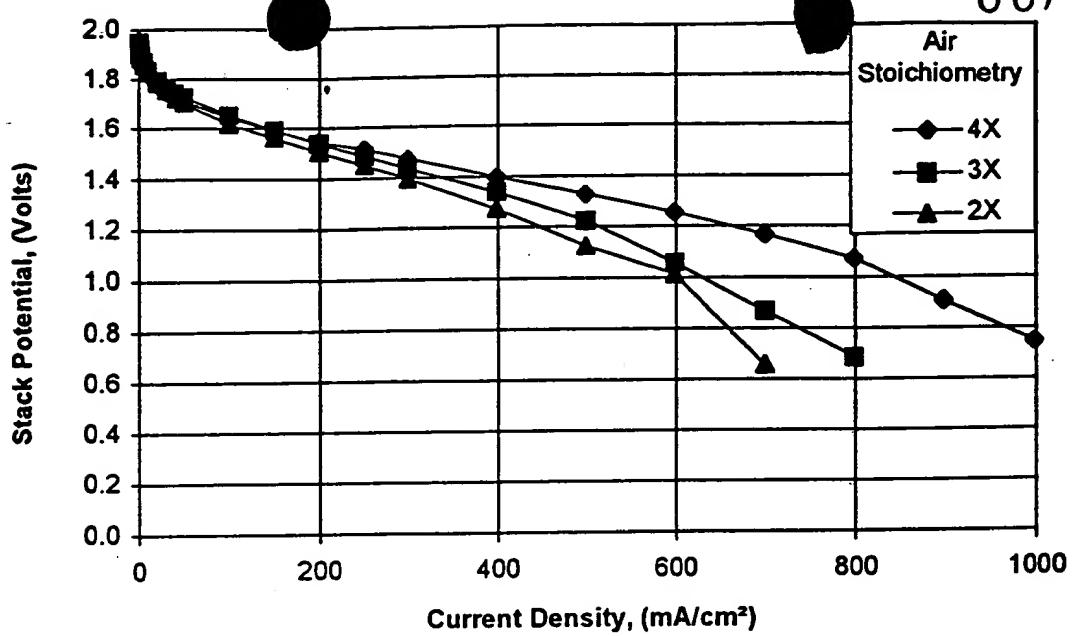


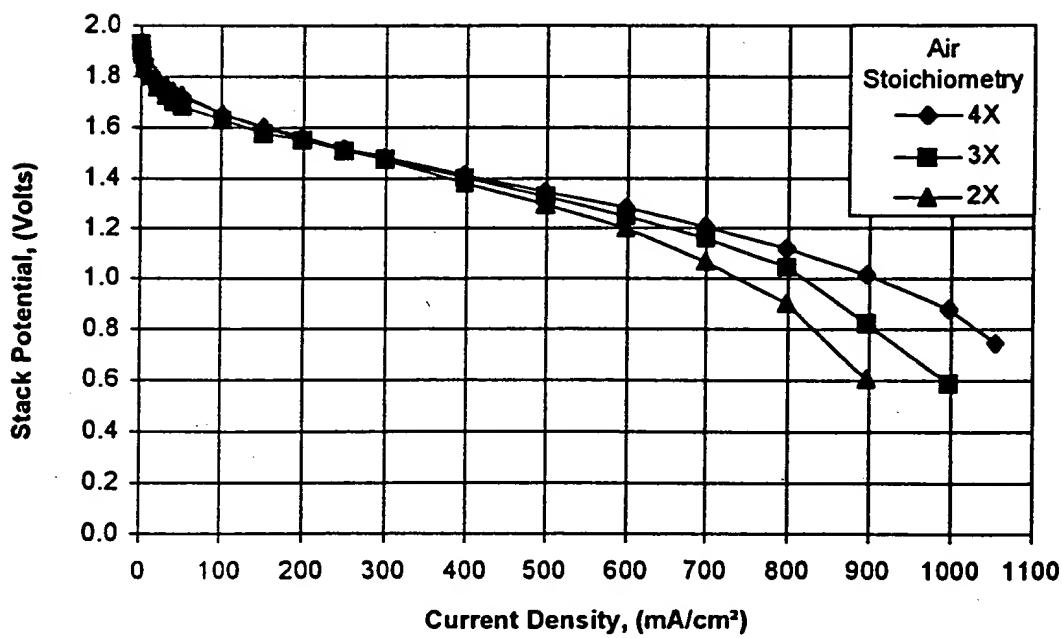
Fig. 9

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Expanded Mesh Flowfield / Titanium Barrier

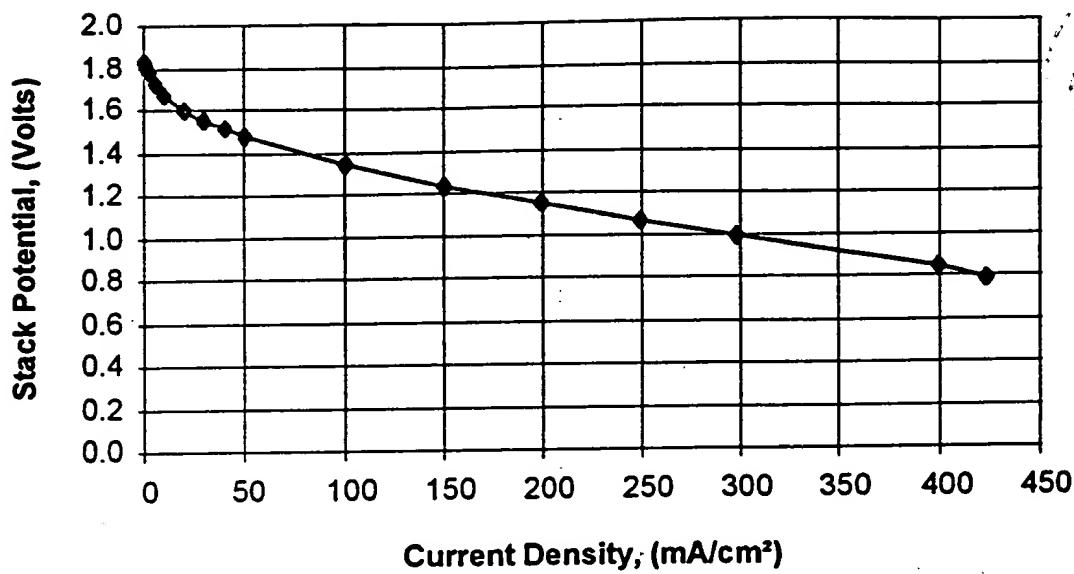
Fig. 10



Foam Flowfield / Titanium Barrier

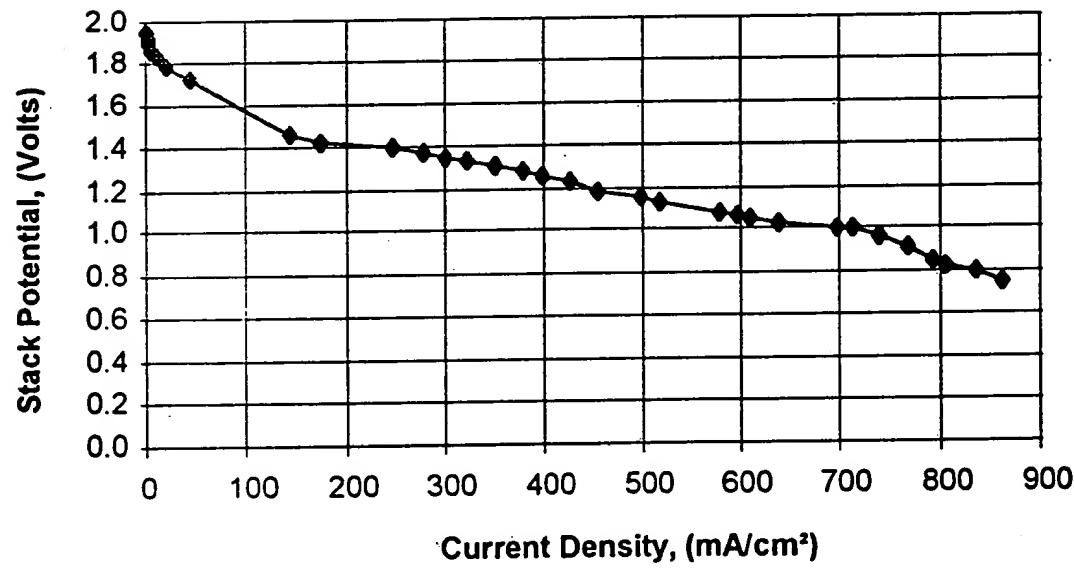
Fig. 11

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Foam Flowfields w/ Polymer Barrier(ambient pressure)

Fig. 12



Foam Flowfields w/ Polymer Barrier (30 psig)

Fig. 13

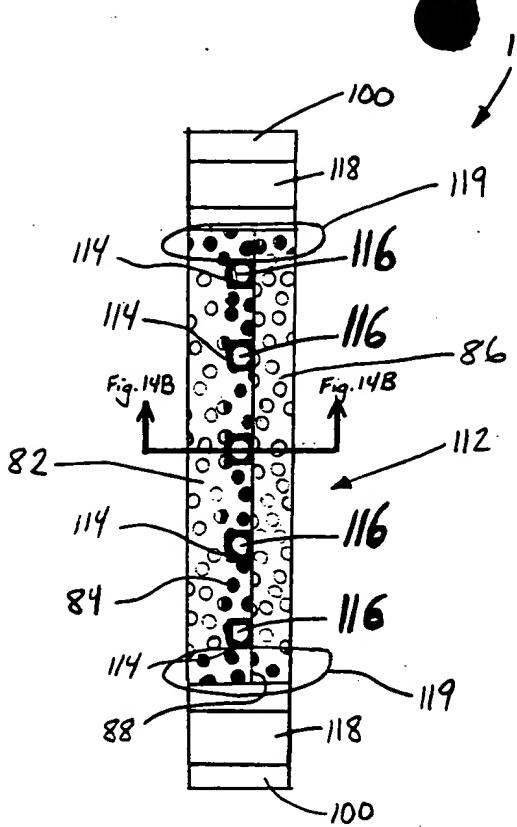


Fig. 14A

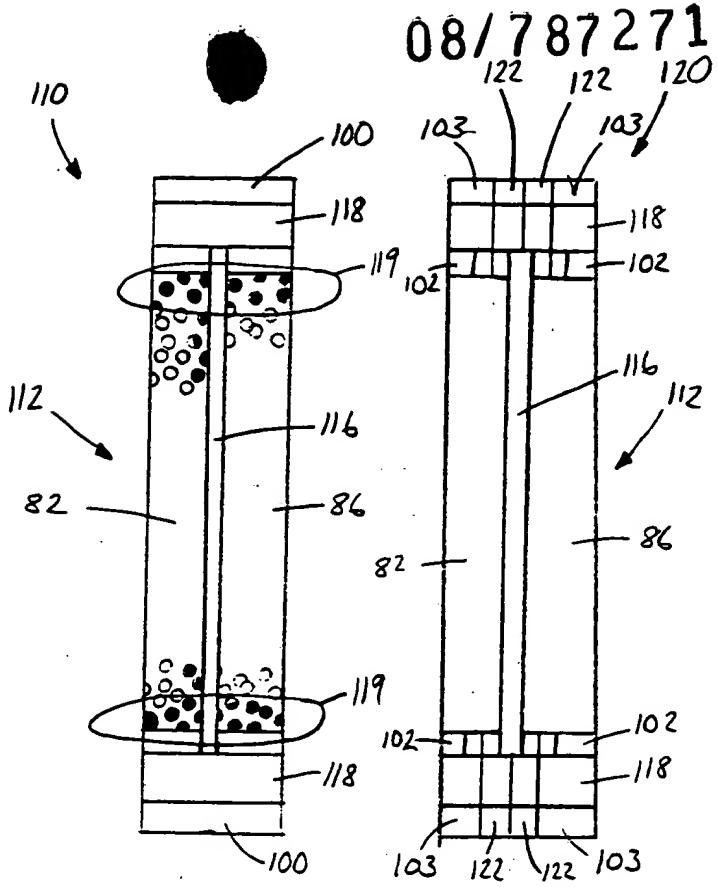


Fig. 14B

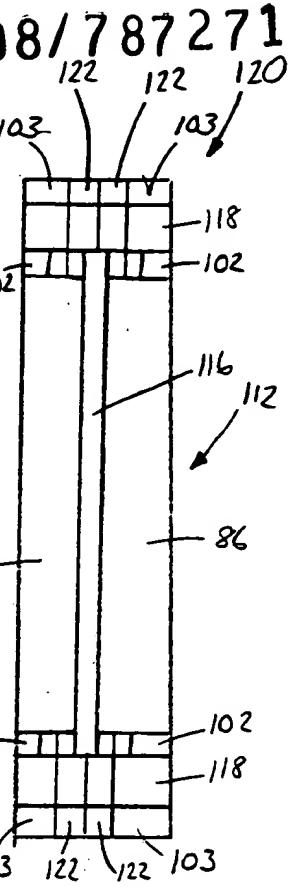
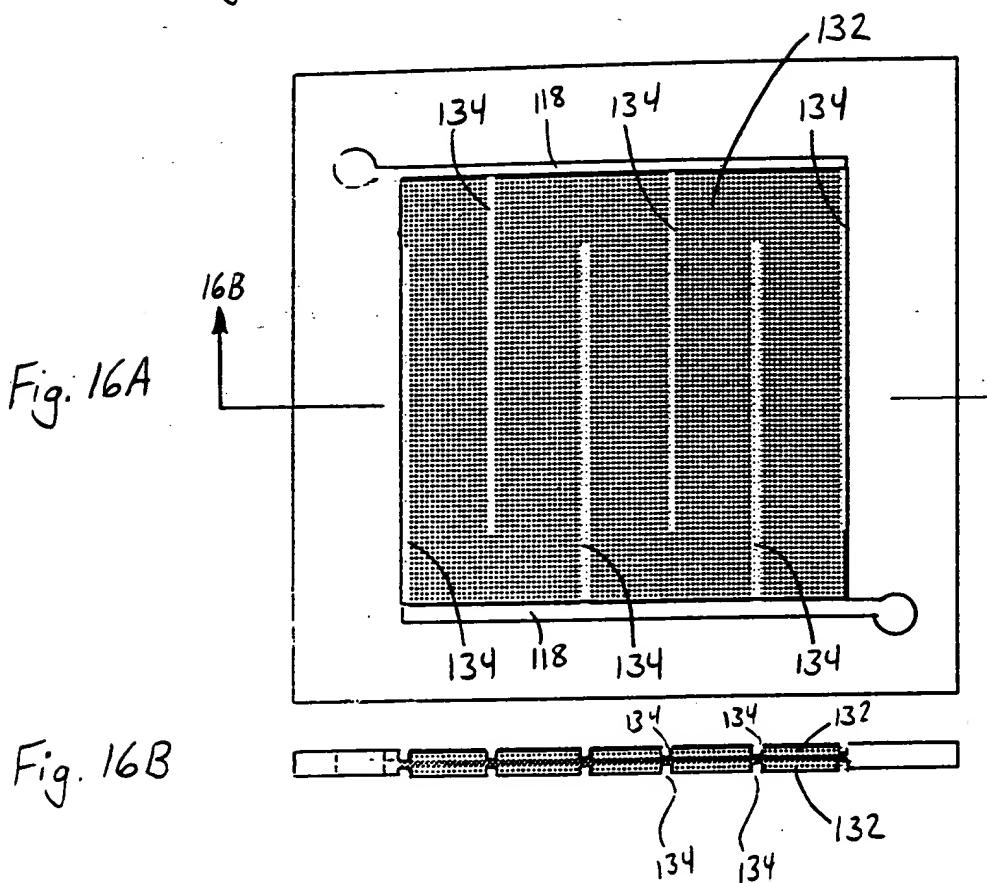


Fig. 15



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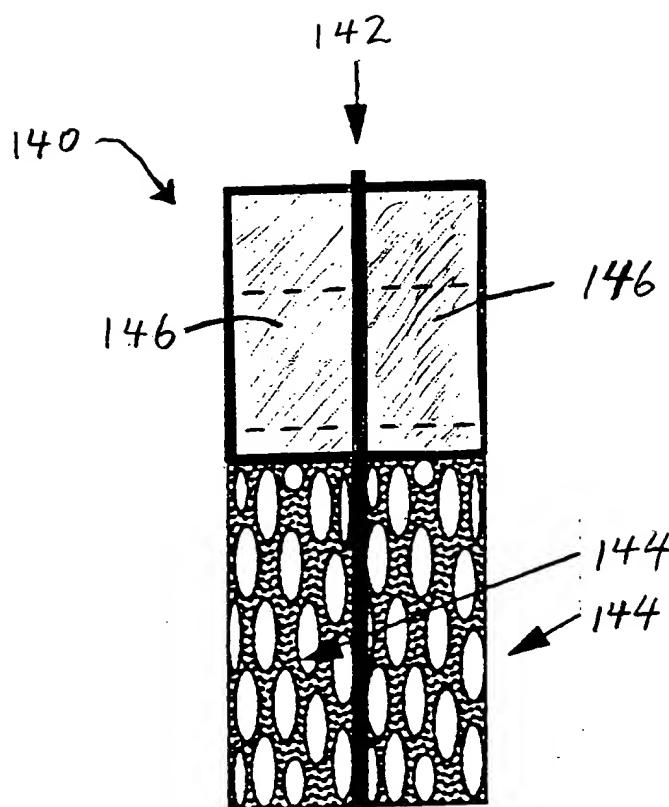


Fig. 17

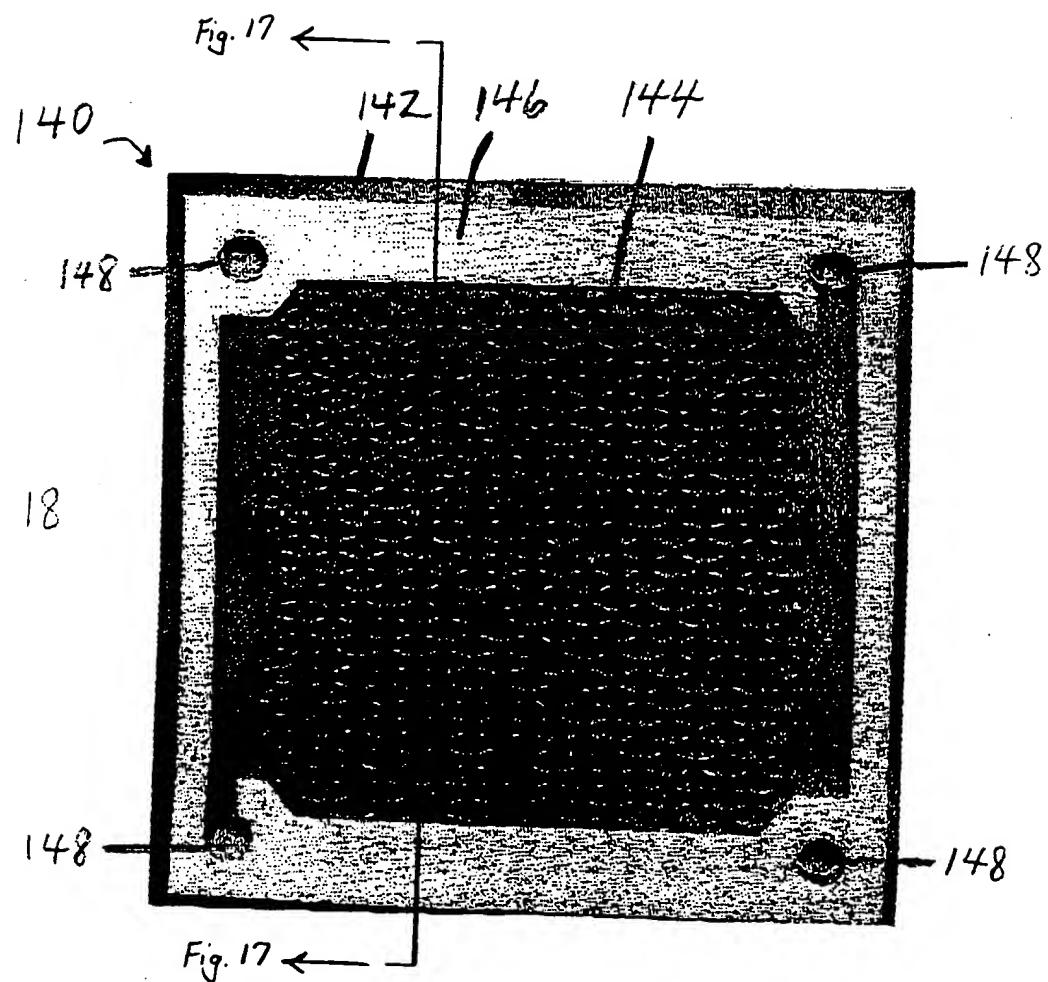
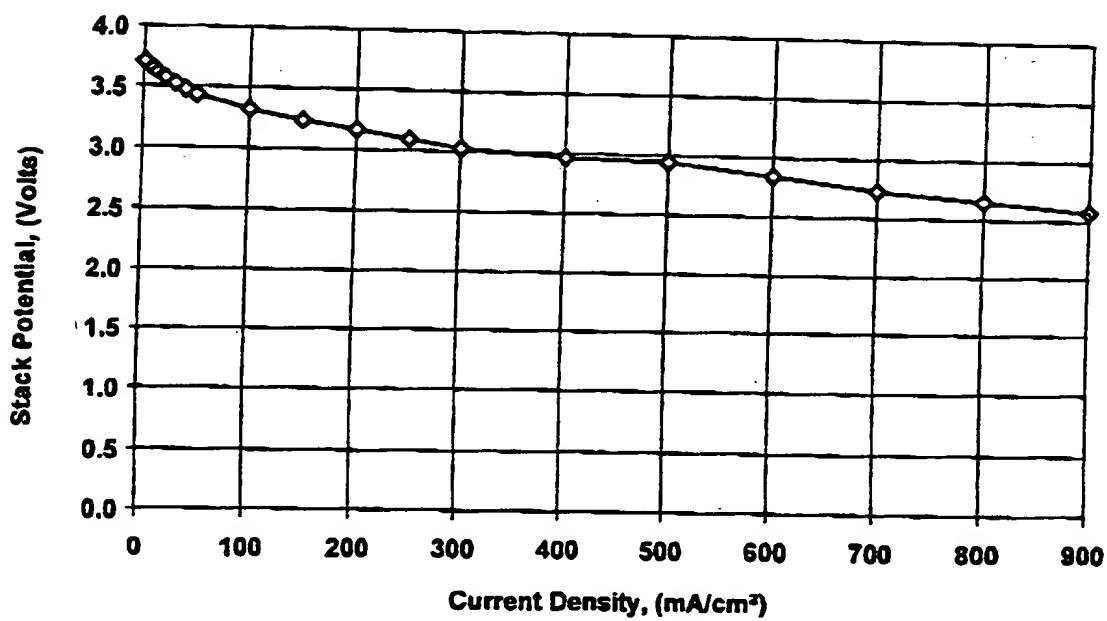
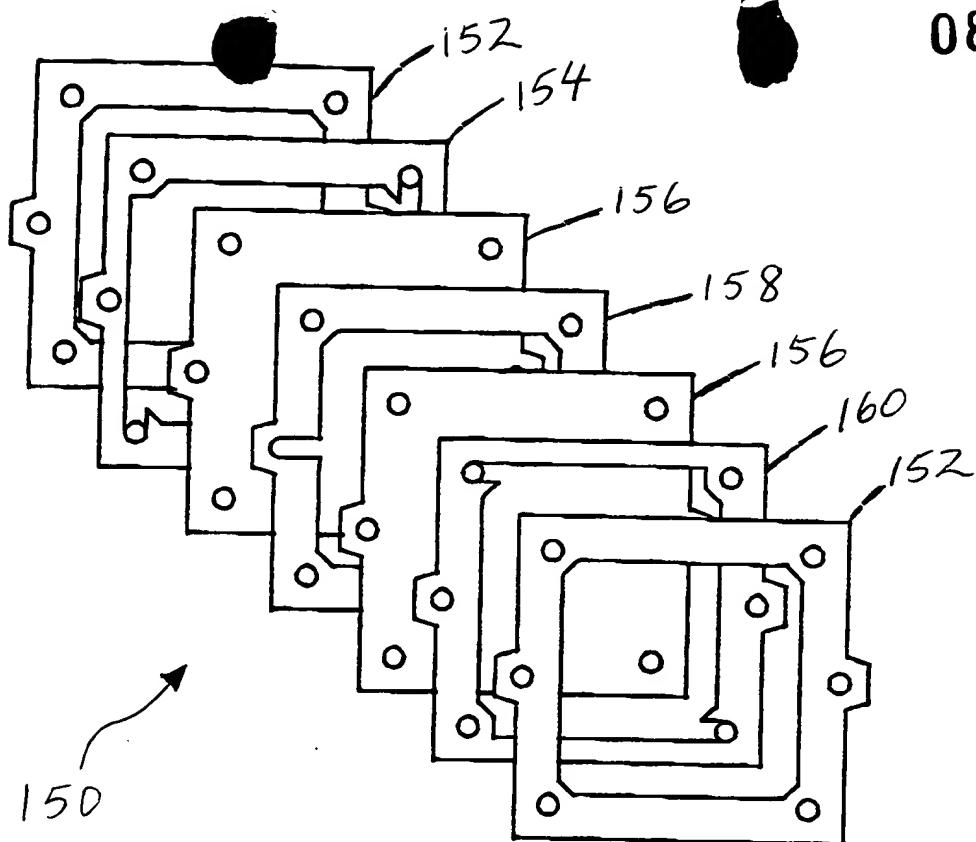


Fig 18

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Fig. 19



Four-Cell Fuel Stack

Fig. 20